

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	3686	virtual\$4 same (user or application) same (isolat\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/30 14:54
L2	482	virtual\$4 with (user or application) with (isolat\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/30 14:54
L3	232	virtual\$4 same (user or application) same (isolat\$3) same resource	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/30 15:56
L4	41	virtual\$4 with (user or application) with (isolat\$3) with resource	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/30 15:17

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L6	66	"5838910".pn. "5838916".pn. "5915085".pn. "6065043".pn. "6115741".pn. "6144992".pn. "6240442".pn. "6292827".pn. "6311221".pn. "6374402".pn. "6453334".pn. "6574618".pn. "6598125".pn. "6757894".pn. "6763370".pn. "6779179".pn. "6854009".pn. "6918113".pn. "6938096".pn. "6959320".pn. "7017188".pn. "7028305".pn. "20010047386".pn. "20020010808". pn. "20020042833".pn. "20020078203".pn. "20020080170". pn. "20020083183".pn. "20020087717".pn. "20020087883". pn. "20020091763".pn. "20020138640".pn. "20020156911". pn. "20020161908".pn. "20020174215".pn. "20030004882". pn. "20030009538".pn. "20030056112".pn. "20030101292". pn. "20030115458".pn. "20030140160".pn. "20030233489". pn. "20030233490".pn. "20030233647".pn. "20040045016". pn. "20040128346".pn. "20040230971".pn. "20040268361". pn. "20050010670".pn. "20050021613".pn. "20050091511". pn. "20050091534".pn. "20050114870".pn. "20050169073". pn. "20050172279".pn. "20050193139".pn. "20050198239". pn. "20050246704".pn. "20050257265".pn. "20050257266". pn. "20060020858".pn. "20060020937".pn. "20060031165". pn. "20060036570".pn. "20060053228".pn. "20050165853". pn.	US-PGPUB; USPAT	OR	ON	2006/12/30 15:23
L7	21	l6 and isolat\$4	US-PGPUB; USPAT	OR	ON	2006/12/30 15:22
L8	0	l6 and l4	US-PGPUB; USPAT	OR	ON	2006/12/30 15:23

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L9	20	(US-20050091214-\$ or US-20050149726-\$ or US-20050091658-\$ or US-20050091535-\$ or US-20030191867-\$ or US-20060036570-\$ or US-20050246704-\$ or US-20050172279-\$ or US-20050114870-\$ or US-20040268361-\$ or US-20040045016-\$ or US-20020174215-\$).did. or (US-6938247-\$ or US-6901586-\$ or US-6851114-\$ or US-6724875-\$ or US-6567974-\$ or US-6557168-\$ or US-7028305-\$ or US-5915085-\$).did.	US-PGPUB; USPAT	OR	OFF	2006/12/30 15:52
L10	11	l9 and l4	US-PGPUB; USPAT	OR	OFF	2006/12/30 15:52
L11	9	l9 not l4	US-PGPUB; USPAT	OR	OFF	2006/12/30 15:52
L12	101	virtual\$4 same (user or application) same (isolat\$3) same context	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/30 15:57
L13	32	virtual\$4 with (user or application) with (isolat\$3) with context	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/30 15:57
L14	21	l13 not l4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/30 15:57

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[G Czajkowski](#)

[A Whitaker](#)

[T Garfinkel](#)

[X Jiang](#)

[D Engler](#)

Application isolation in the Java Virtual Machine - group of 5 »

G Czajkowski - Proceedings of the 15th ACM SIGPLAN conference on Object- ..., 2000 - portal.acm.org

... **Isolation** alone does not prevent denial-of-service ... The Sun Microsystems Laboratories'

Virtual Machine for Research ... 27]; db is a database **application**; jack is ...

Cited by 42 - Related Articles - Web Search - BL Direct

Application and analysis of the virtual machine approach to information system security and

SE Madnick, JJ Donovan - ... of the workshop on **virtual** computer systems table of ..., 1973 - portal.acm.org

... can provide **Isolation** security. OS/360, for example, uses the ... there is between the

application programs of a single **user** group. 217 ... **Virtual Machine Environment** ...

Cited by 12 - Related Articles - Web Search

Efficient software-based fault isolation - group of 4 »

R Wahbe, S Lucco, TE Anderson, SL Graham - Proceedings of the fourteenth ACM symposium on Operating ..., 1994 - portal.acm.org

... distrusted modules from corrupting **application** data. Such fault **isolation** services

also facilitate software de- ... icates for **user**-defined data types such as ...

Cited by 679 - Related Articles - Web Search - BL Direct

Locales and beacons: efficient and precise support for largemulti-user virtual environments - group of 4 »

JW Barrus, RC Waters, DB Anderson - **Virtual Reality Annual International Symposium**, 1996., ... -

ieeexplore.ieee.org

... goal is the creation of **Multi-User** Inter- active ... In particular, we seek to create

virtual worlds featuring: multiple, **application** 4 . [**application** ...

Cited by 103 - Related Articles - Web Search

Bricks: Laying the Foundations for Graspable User Interfaces - group of 16 »

GW Fitzmaurice, H Ishii, W Buxton - Proceedings of the SIGCHI conference on Human factors in ..., 1995 -

alias.com

... Bricks can be unaware (work in **isolation**); mutually aware ... **FIGURE 3**. Move and rotate

virtual object by manipulating ... A simple example **application** may be a floor ...

Cited by 337 - Related Articles - View as HTML - Web Search - BL Direct

AVM: Application-level virtual memory - group of 18 »

DR Engler, SK Gupta, MF Kaashoek - Proceedings of the 5th Workshop on Hot Topics in Operating ..., 1995 -

doi.ieeecomputersociety.org

... can create light-weight fault **isolation** do- mains ... Aegis checks which segment the

virtual address resides in ... exception is forwarded directly to the **application**. ...

Cited by 36 - Related Articles - Web Search

Tools for the development of application-specific virtual memory management - group of 5 »

K Krueger, D Loftesness, A Vahdat, T Anderson - ACM SIGPLAN Notices, 1993 - portal.acm.org

... In this na!-, the n2rchnnisr22. necessary t,o implement **virtual** memory are

separat,ed from the **application** specific Aicy implemented at the **user** level. ...

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From virtualized resources to virtual computing grids: the In-VIGO system - group of 8 »

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- [D Engler](#)
[M Kaashoek](#)
[J O'Toole](#)
[A Grimshaw](#)
[G Banga](#)
- Exokernel: an operating system architecture for application-level resource management** - group of 76 »
DR Engler, MF Kaashoek, JO'Toole Jr - Proceedings of the fifteenth ACM symposium on Operating ..., 1995 - portal.acm.org
... to define specialized IPC primitives because **virtual** memory and ... many of the hardware **resources** in microker ... be bypassed or tailored to **application**-specific needs ...
Cited by 672 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

Application isolation in the Java Virtual Machine - group of 5 »

G Czajkowski - Proceedings of the 15th ACM SIGPLAN conference on Object- ..., 2000 - portal.acm.org
... An example is the K **Virtual** Machine (KVM) [19]. ... **Isolation** alone does not prevent denial-of-service attacks. To some extent, **resources** can be controlled through ...
Cited by 42 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

A case for grid computing on virtual machines - group of 11 »

RJ Figueiredo, PA Dinda, JAB Fortes - Distributed Computing Systems, 2003. Proceedings. 23rd ..., 2003 - ieeeexplore.ieee.org
... Security and **isolation**: The ability to share **resources** is a ... conversely, the integrity of the **resource** may be ... are implemented across the **virtual** machine monitor ...
Cited by 112 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

Processes in KaffeOS: Isolation, Resource Management, and Sharing in Java - group of 12 »

G Back, WC Hsieh, J Lepreau - usenix.org
... from each other, or limit their **resource** consumption. ... if it were run in its own **virtual** machine, including ... lay in balancing the goals of **isolation** and **resource** ...
Cited by 133 - [Related Articles](#) - [Cached](#) - [Web Search](#)

Resource containers: A new facility for resource management in server systems - group of 29 »

G Banga, P Druschel, JC Mogul - Proceedings of the 1999 USENIX/ACM Symposium on Operating ..., 1999 - cs.columbia.edu
... units of **isolation** and **resource** consumption are identical, and the process abstraction suffices. Figure 4 shows a mostly **user-mode application**, using one ...
Cited by 394 - [Related Articles](#) - [View as HTML](#) - [Web Search](#) - [BL Direct](#)

Xen and the Art of Virtualization - group of 2 »

B Dragovic, K Fraser, S Hand, T Harris, A Ho, I ... - Proceedings of the ACM Symposium on Operating Systems ..., 2003 - citeseer.ist.psu.edu
... and performance in the Denali **isolation** kernel - Whitaker ... 1999 15 Memory **resource** management in ... 13 Multitasking without compromise: a **virtual** machine evolution ...
Cited by 66 - [Related Articles](#) - [Cached](#) - [Web Search](#)

The Legion vision of a worldwide virtual computer - group of 10 »

AS Grimshaw, WA Wulf - Communications of the ACM, 1997 - portal.acm.org
... solutions, some quite good in **isolation** but generally ... allowing construction of shared **virtual** workspaces ... the users' data and physical **resources** are adequately ...
Cited by 460 - [Related Articles](#) - [Web Search](#)

From virtualized resources to **virtual** computing grids: the In-VIGO system - group of 8 »
S Adabala, V Chadha, P Chawla, R Figueiredo, J ... - Future Generation Computer Systems, 2005 - Elsevier
... **virtual** machines provide **isolation**, **resource** integrity, legacy ... as a single unified
application; **virtual** networks allow ... of a specific grid **application** or **user** ...
Cited by 33 - Related Articles - Web Search

Scale and performance in the Denali **isolation** kernel - group of 25 »
A Whitaker, M Shaw, SD Gribble - ACM SIGOPS Operating Systems Review, 2002 - portal.acm.org
... pages, disk blocks, and all other **resources** should be ... the only sharing allowed is
through the **virtual** network ... 1 and 2 are required to achieve strong **isolation**. ...
Cited by 157 - Related Articles - Web Search - BL Direct

AVM: **Application**-level **virtual** memory - group of 18 »
DR Engler, SK Gupta, MF Kaashoek - Proceedings of the 5th Workshop on Hot Topics in Operating ..., 1995 -
doi.ieeecomputersociety.org
... plications can create light-weight fault **isolation** do- mains ... The owner of a **resource**
has the power both ... sup- port for bootstrapping the **virtual** naming system ...
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